College Prep. (.5)

Review for Exam 3

Pg. 349; 33-59, 61, 63

**Solve.**

The length of a rectangular garden is 9 feet more than the width. The area of the garden is 36 square feet. Find the width of the garden.

If an object is thrown upward from the ground with an initial velocity of 64 ft/sec, its height after *t*

seconds is given by 2 *h t* −16*t* 64*t* .

a. Find the number of seconds before the object hits the ground.

b. How long has the object been travelling when it reaches a height of 48 ft before peaking?